

Converting Colors

CIELCh(80, 9.871, 346.335)

Have a look what the booklet for
CIELCh(80, 9.871, 346.335) contains.

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Color

CIELCh(80, 9.717, 347.025)

Conversions

Conversions Part 1

Format	Color
Hex	D7C1CB
RGB	215, 193, 203
RGB Percent	84%, 76%, 80%
CMY	0.1582, 0.2444, 0.2053
CMYK	0.00, 0.10, 0.06, 0.16
HSL	333°, 21%, 80%
HSV	333°, 10%, 84%
XYZ	57.6576, 56.6813, 64.1891
YIQ	200.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

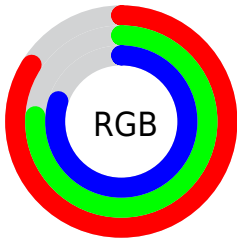
Format	Color
R _Y B	215, 193, 203
Decimal	14139851
CIE Lab	80.00, 9.47, -2.18
CIE LCh	80, 9.717, 347.025
Yxy	56.6813, 0.3230, 0.3175
Android (android.graphics.Color)	4292329931 (0xFFD7C1CB)
YUV	200.7180, 1.1250, 12.5253
Hunter-Lab	75.2870, 4.9497, 2.1507

Details

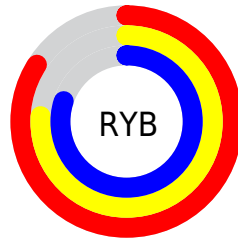
The CIELCh color $80, 9.717, 347.025$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 9.556, 165.336$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.736, 324.489$, and $60, 9.969, 346.037$ is the 20% darker color. If you saturate the color by 10%, you get $74, 19.430, 348.031$, and if you desaturate by 10%, it is $86, 0.234, 344.302$.

Distribution



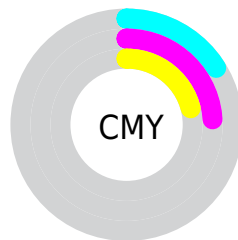
- Red (84%)
- Green (76%)
- Blue (80%)



- Red (84%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.717, 347.025 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 80, 9.717, 347.025 by changing the saturation by 10% instead.

■ 80, 9.717, 347.025

■ 80, 9.717, 347.025

■ 100, 9.717,
347.025

■ 70, 9.717, 347.025

■ 60, 9.717, 347.025

■ 50, 9.717, 347.025

■ 40, 9.717, 347.025

■ 30, 9.717, 347.025

■ 20, 9.717, 347.025

■ 10, 9.717, 347.025

■ 0, 9.717, 347.025

■ 80, 9.717, 347.025

■ 80, 9.717, 347.025

74, 19.430,
348.031

86, 0.234, 344.302

69, 29.252,
349.149

92, 8.943, 165.461

64, 38.971,
350.435

97, 16.615,
166.391

59, 48.270,
351.953

97, 14.006,
186.941

55, 56.723,
353.790

97, 13.522,
198.603

52, 63.832,
356.067

49, 69.142,
358.943

47, 72.434, 2.591

46, 74.134, 6.901

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80, 9.717, 347.025



84, 9.556, 165.336

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 9.717, 347.025



80, 9.717, 37.025



80, 9.717, 167.025



80, 9.717, 217.025

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80, 9.715, 347.030



98, 3.242, 346.279



79, 12.523, 310.660



52, 2.459, 346.382



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 9.715, 347.030



92, 13.119, 347.212



80, 7.987, 22.748



42, 5.367, 346.950



36, 62.539, 6.074



5, 23.115, 357.270

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80, 9.715, 347.030



92, 13.119, 347.212



84, 7.479, 201.916



42, 5.367, 346.950



36, 62.539, 6.074



5, 23.115, 357.270

Previews

White Background



This preview shows how the CIELCh color 80, 9.717, 347.025 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 9.717, 347.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

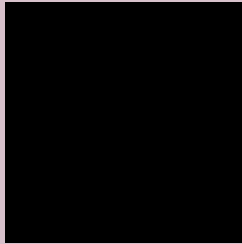
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 9.717, 347.025

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.717, 347.025.



This preview shows how white text looks on a background with the CIELCh color 80, 9.717, 347.025.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80, 9.717, 347.025

Protanopia

80, 4.420, 304.768

Deuteranopia

80, 10.629, 346.891



Tritanopia
80, 11.633, 337.024

Trichromacy



Original Color
80, 9.717, 347.025

Protanomaly
80, 6.061, 327.505

Deuteranomaly
80, 10.629, 346.891

Tritanomaly
80, 10.945, 341.104

Monochromacy



Original Color
80, 9.717, 347.025

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 3.646, 343.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.717, 347.025 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.717, 347.025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 193, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 193, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.717, 347.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
193, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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